

### Summary

- 5 The invention refers to the procedures and arrangements for an aid-free spatially perceptible representation. The purpose of the invention is to arrange the structure of the 3D optics for the naked eye as indissoluble as possible and to improve the quality of the spatially perceptible representation.
- 10 This task was solved by the invention with a procedure for the spatially perceptible representation, in which several individual picture elements  $\alpha_{ij}$  are made visible at the same time, where the  $\alpha_{ij}$  picture elements display partial information from several  $A_k$  views ( $k=1 \dots n$ ) of the scene/subject, using a structural plate that has several optical elements arranged in series, which allow to force the propagation
- 15 direction of the radiated light from the  $\alpha_{ij}$  picture elements, whereby according to the invention the average geometrical distance  $p$  between two adjacent series of light-transmitting optical elements on the structural plate, fulfills the  $p' \leq p$  condition, on which  $p = G * \sin(0.017^\circ)$ , where  $G$  is four times the diagonal length of the  $\alpha_{ij}$  picture elements matrix. The procedure for converting arrangements is
- 20 also described.